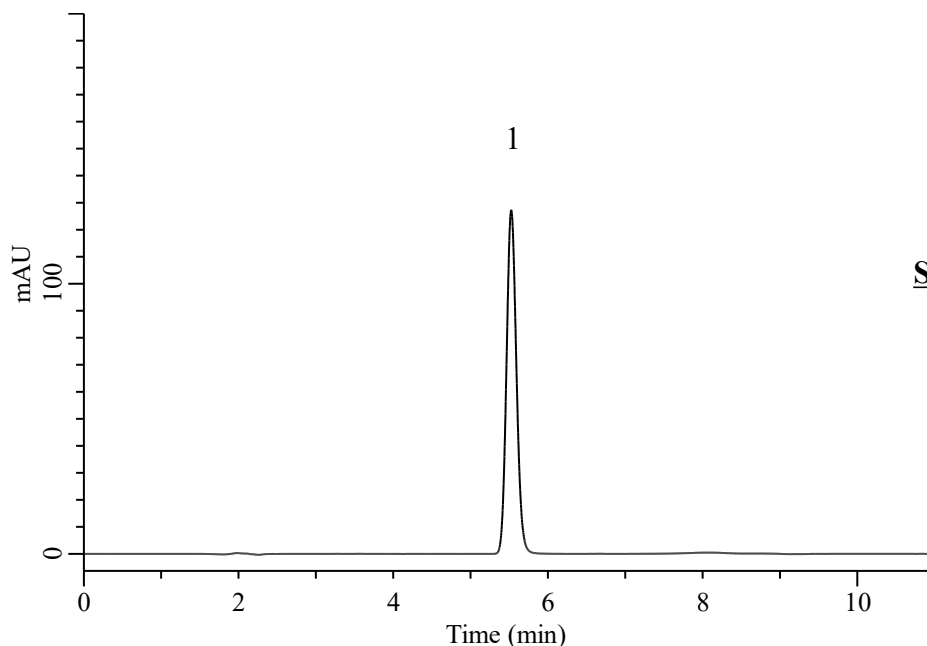


Analysis of Piroxicam

(Under the Condition of draft for USP PF52(2), Piroxicam, ASSAY)



Standard solution

Conditions

System : Primaide (HITACHI)
Column : Inertsil WP300 C18 (GL Sciences Inc.)
 (3.5 μm , 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-90658
Eluent : A) CH_3CN
Flow Rate : B) 0.1% H_3PO_4 in H_2O

Time (min)	A (vol %)	B (vol %)
0.0	35	65
2.0	35	65
6.0	95	5
6.1	35	65
11.0	35	65

Analyte:

1. Piroxicam 50 $\mu\text{g}/\text{mL}$

Tailing factor : 1.13 (≤ 2.0)

RSD of the peak area of 1 (%) (n=6) : 0.16 (≤ 1.0)

Autosampler : 4 $^{\circ}\text{C}$
Col. Temp. : 35 $^{\circ}\text{C}$
Detection : UV 340 nm (Primaide 1410 UV)
Injection Vol. : 10 μL
Sample : Standard in CH_3OH